

# ACCUPLACER Overview

# **Key Definitions**

#### **Placement Tests**

Used to determine whether a student has skill sets necessary to achieve success in college level courses, and if remediation is needed.

### **Diagnostic Tests**

Used to "drill down" to determine student strengths and areas of need in reading, writing, and mathematics content areas.

Provides the high school with a detailed assessment of student skills.



#### **ACCUPLACER Tests**

#### **General Tests**

- Reading Comprehension (20)
- Sentence Skills (20)
- Arithmetic (17)
- Elementary Algebra (12)
- College Level Math (20)
- WritePlacer Plus
- Computer Skills
   Placement (30/70)
- "Local" Tests

#### **ESL Suite**

- Reading Skills (20)
- Sentence Meaning (20)
- Language Usage (20)
- Listening (20)
- WritePlacer ESL

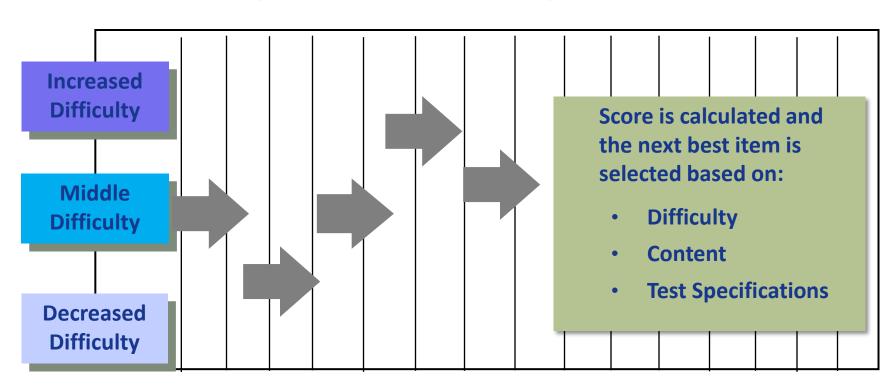
#### **Diagnostics**

- Reading Comprehension (40)
- Sentence Skills (40)
- Arithmetic (40)
- Elementary Algebra (40)



# **Computer-Adaptive Testing**

#### **Sample Pattern of Student Responses**





# ACCUPLACER Reports

# Diagnostic Report Types

#### 1. Diagnostic Individual Student Score Report (ISR)

A student's individual scores for Diagnostic sections

#### 2. Diagnostic Score Report Roster

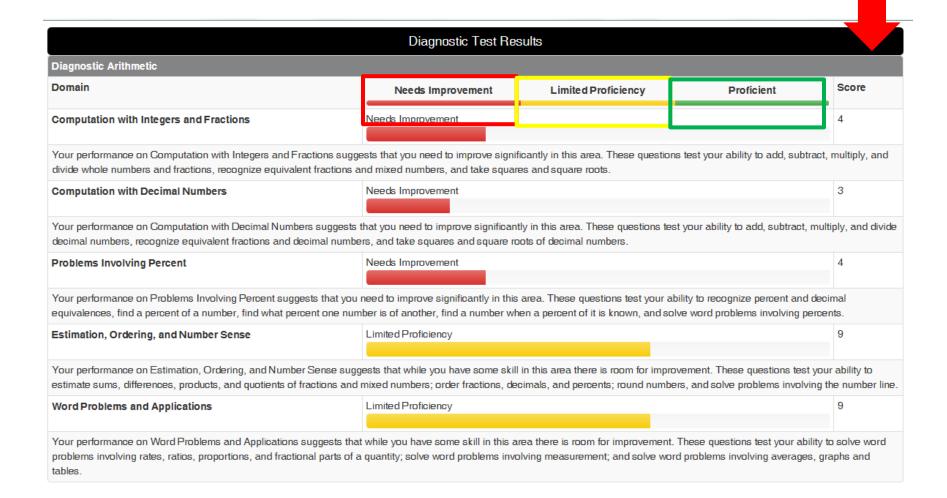
Scores for multiple students; displays scores for each domain

#### 3. Diagnostic Test Summary Report

Provides percentages of students with scores in each proficiency range – useful for planning intervention strategies



# Student Diagnostic Score Report



**Diagnostic Score Range: 1-15** 



# Diagnostic Test Score Roster Report

	Diag	nostic Test Sc	ore Roster Re	eport (Elm Alge	ebra)	
First Name	Test Date	EA - Real Numbers	EA - Linear Equat	EA - Quad. Exp. & Equat.	EA - Alg. Exp. & Equat.	EA - Word Prob
Simon	10/13/2010	5	3	4	1	4
alexjander	11/10/2010	4	4	4	10	1
Ayan	10/13/2010	3	4	4	3	1
Terrace	10/13/2010	5	4	3	1	1
Andrew	10/13/2010	11	9	4	1	12
Catherine	10/13/2010	4	6	4	4	4
Samuel	10/13/2010	6	5	3	4	11
Anna	10/13/2010	10	3	1	4	10
Soly	10/13/2010	9	4	6	1	6
Nathaniel	10/13/2010	4	8	3	3	1
Karlee	10/13/2010	9	10	4	6	7
Bee	10/13/2010	4	2	4	4	5
Jordan	10/18/2010	4	9	3	6	11
thien	10/18/2010	4	4	7	4	3
Derek	10/13/2010	8	10	3	3	8
Andrai	10/18/2010	2	3	1	4	10
Michael	10/13/2010	10	5	3	4	4



# Diagnostic Test Summary Reports

#### **Diagnostic Test Summary Report Search Results**

Back

Modify Your Search Criteria

Print

**(1)** 

Values for category percentages are rounded and may not total to 100%.

The Diagnostic Summary Report may not include Branching Profiles that were completed in the last 24 hours.

School Name

Creation Time

Test Date Limit

Minnesota State Colleges and Universites

2011-08-24 19:34 CDT

From: 2010-10-11

To: 2010-11-19

Export Options: Delimited Text | CSV | Excel | XML

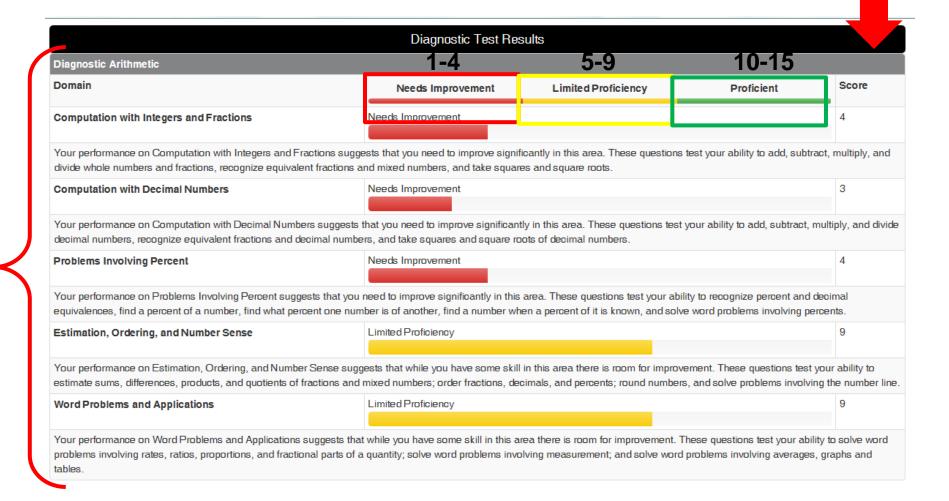
1 to 5 out of 5 items

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Test Name 💠	Domain ‡	Needs Improvement	Limited Proficiency	Proficient ‡	Mean -	Standard Deviation	Total \$\frac{1}{2}\$
Diagnostic Elementary Algebra	Real Numbers	47%	37%	16%	5.86	2.83	43
Diagnostic Elementary Algebra	Linear Equations, Inequalities, and Systems	37%	47%	16%	6.19	3.03	43
Diagnostic Elementary Algebra	Quadratic Expressions and Equations	74%	26%	0%	3.93	1.59	43
Diagnostic Elementary Algebra	Algebraic Expressions and Equations	81%	16%	2%	3.72	2.04	43
Diagnostic Elementary Algebra	Word Problems and Applications	51%	26%	23%	5.49	3.38	43

# **Diagnostic Details** for Remediation

# Student Diagnostic Score Report



**Diagnostic Score Range: 1-15** 



#### Remediation Planner



Student:	Student ID:	Grade:
Date:	School:	Counselor:

ACCUPLACER® is a testing tool used by colleges to determine whether students are college ready when they begin higher education.

You are considered college ready if you are able to take credit-bearing courses in your program of study immediately. If you are not considered college ready, you must take remediation courses before you can move into courses in your program.

When you took ACCUPLACER Diagnostics, you received a score report with both a numeric score (from 1 to 15) and a proficiency level for each domain tested. If you scored in the Needs Improvement (score of 1–4) or Limited Proficiency (score of 5–9) range in any of the domains tested, you can find recommended topics for study below. If you scored in the Proficient range (score of 10–15) in any of the domains tested, your score indicates that you are proficient, and no additional work is needed in that area.

#### ARITHMETIC DIAGNOSTIC

Computation with Integers and Fractions	Computation with Decimal Numbers	Problems Involving Percent	Estimation, Ordering, and Number Sense	Word Problems and Applications
NEEDS IMPROVEMENT (Score 1—4) Work on all topics checked   LIMITED PROFICIENCY (Score 5—9) Work on all topics checked   ✓	LIMITED PROFICIENCY (Score 5–9)	NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓ LIMITED PRORCIENCY (Score 5-9) Work on all topics checked ✓	NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓  LIMITED PROFICIENCY (Score 5-9) Work on all topics checked ✓	NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓  ⊔MITED PROFICIENCY (Score 5-9) Work on all topics checked ✓
Your Score:	Your Score:	Your Score:	Your Score:	Your Score:
Exponents and Roots	Comparing and Rounding Decimals	Rates	Comparing and Rounding Whole Numbers	Ratios
☐ ☐ The Order of Operations	Adding and Subtracting Decimals	Understanding and Using the Percent Proportion	Estimate by Rounding	☐ Proportions
Least Common Multiples at Least Common Denominate	nd Multiplying Decimals	Using the Percent Equation		Perimeter and Area
Adding and Subtracting Unlike Fractions	☐ ☐ Dividing Decimals	Solving Word Problems with Percent		Mean and Weighted Mean
The Order of Operations and Complex Fractions	Writing Fractions and Decimals	Basics of Percent: Decimals		☐ Tables and Pictographs
Factors of Whole Numbers	Reading and Writing Decimals	Basics of Percent:		Circle Graphs and Scatterplots
Basics of Fractions	_			Bar Graphs and Line Graphs
Basics of Mixed Numbers	_			-

Mixed Numbers Writing a Fraction

in Lowest Terms

Equivalent Fractions

Multiplying Fractions

Dividing Fractions

Adding and Subtracting
Unlike Fractions

# Transfer the Skills Student Needs to Improve to the Planner

	Diagnostic Test Resul	ts		
Diagnostic Arithmetic				
Domain	Needs Improvement	Limited Proficiency	Proficient	Score
Computation with Integers and Fractions	Needs Improvement			4
Your performance on Computation with Integers and Fractions sugg divide whole numbers and fractions, recognize equivalent fractions a	, ,	*	test your ability to add, subtract,	multiply, and
Computation with Decimal Numbers	Needs Improvement			3
Your performance on Computation with Decimal Numbers suggests decimal numbers, recognize equivalent fractions and decimal number			t your ability to add, subtract, multi	ply, and divi
Problems Involving Percent	Needs Improvement			4
Your performance on Problems Involving Percent suggests that you equivalences, find a percent of a number, find what percent one nun				
Estimation, Ordering, and Number Sense	Limited Proficiency			9
Your performance on Estimation, Ordering, and Number Sense suggestimate sums, differences, products, and quotients of fractions and	,	'		,
Word Problems and Applications	Limited Proficiency			9
Your performance on Word Problems and Applications suggests tha problems involving rates, ratios, proportions, and fractional parts of a tables.	,			

	Re	mediation Plan	ner	<b>♦</b> CollegeBoard
Student:	Student ID:		Grade:	
Date:	School:		Counselor:	
	y colleges to determine whether student			
fou are considered college ready if yo before you can move into courses in y	u are able to take credit-bearing courses your program.	in your program of study immediately.	f you are not considered college ready	you must take remediation courses
Improvement (score of 1–4) or Limite:	stics, you received a score report with bo I Proficiency (score of 5-9) range in any o tested, your score indicates that you are	of the domains tested, you can find reco	nmended topics for study below. If you	
	AF	RITHMETIC DIAGNOST	IC	
Computation with Integers and Fractions	Computation with Decimal Numbers	Problems Involving Percent	Estimation, Ordering, and Number Sense	Word Problems and Applications
□ NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓	NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓	NEEDS IMPROVEMENT (Score 1–4) Work on all topics checked ✓	NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓	□ NEEDS IMPROVEMENT (Score 1-4) Work on all topics checked ✓
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Adding and Subtracting Unlike Fractions	Dividing Decimals	Solving Word Problems with Percent		Mean and Weighted Mean
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Factors of Whole Numbers	Reading and Writing Decimals	Basics of Percent: Fractions		Cirole Graphs and Scatterplots
Basics of Fractions				Bar Graphs and Line Graphs
Basios of Mixed Numbers				•
Writing a Fraction in Lowest Terms	-			
<ul> <li>Equivalent Fractions</li> </ul>				
☐ Multiplying Fractions				
Dividing Fractions				
Adding and Subtracting Unlike Fractions				



# Questions Thank You!